

# New York State Department of Transportation

## PIA Safety Flag NB23U4W019

By: Malav Shah

Flag Date: May 22, 2023

Superseding Information:

No Flags Superseded

### Structure Information

**BIN: 1065318**

**Feature Carried: 278I278IX2M23027**

**Feature Crossed: 6TH AVENUE**

**Orientation: 8 - NORTHWEST**

**Region: 11 - NEW YORK CITY**

**County: KINGS**

**Political Unit: City of NEW YORK**

**Approximate Year Built: 1962**

**Posted Load Matches Inventory : Yes**

**Bridge Load Posting (Tons) : Not Posted for Load**

**Primary Owner: New York State Department of Transportation**

**Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party**

**Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder**

**This Bridge is not a Ramp**

**Number of Spans: 322**

### Verbal Notification Information

**Person Notified: Muhammad Mubeen**

**Date: May 22, 2023 11:00:00 AM**

**Of: NYSDOT Region 11**

### Signature Information

**Signature: Malav Shah, P.E. 106620-1**

**Date: May 26, 2023**

**Reviewed By: Robert Kemp**

**Date: May 26, 2023**

**Attachments: 6**

***Flagged Elements*****No Flagged Elements*****Flagged Condition Description***

This PIA Safety Flag No. NB23U4W019 is a New Flag.

Location: Span 300, Girder G1 and Floorbeam FB3 between G1 and G2.

The heavy debris from delaminated steel surfaces is accumulated in excessive amounts on the following structural elements and as such is prone to fall onto vehicular traffic below:

- (1) Lower top flange and both (upper and lower) bottom flanges of the Girder G1 on the right face at Floorbeam FB3,
- (2) Floorbeam FB3 bottom flange on both sides of the FB web, between Girders G1 and G2, and
- (3) The diagonal and horizontal chord members in the vertical truss assembly below Floorbeam FB3, between Girders G1 and G2.

This flag is located at an elevation of more than 120 feet over Hamilton Avenue WB, between the Gowanus Canal and Smith Street.

**Flag Photographs**

Photo Number: 1

Photo Filename: NB23U4W019 LOCATION PLAN.JPG

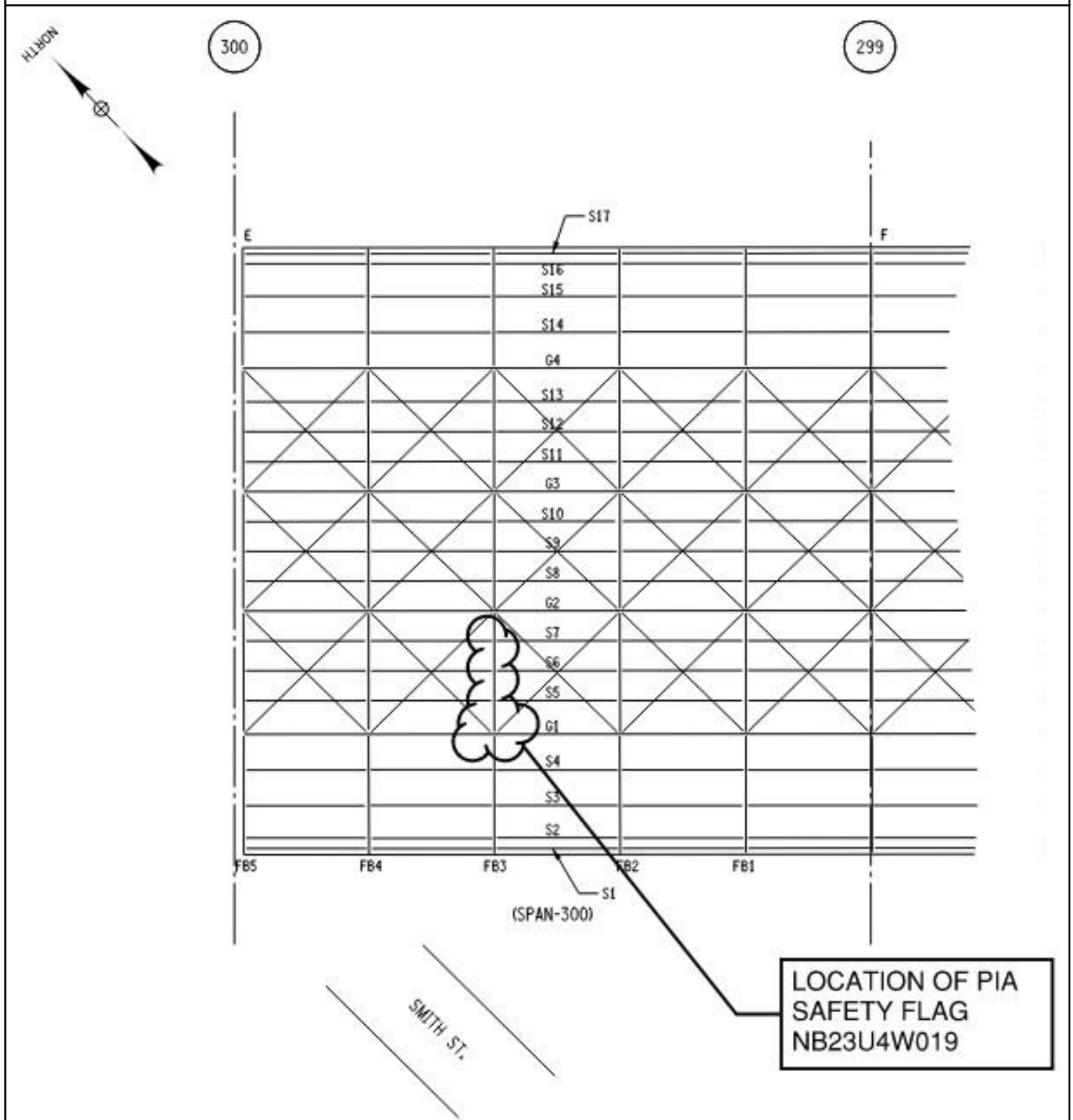
**Attachment Description: Flag Location Plan**

Photo Number: 2

Photo Filename: General View PIA Safety Flag.JPG



**Attachment Description:** General View of the roadway below the girder and floorbeam in Span 300. The PIA location is over similar. Looking End-Left.



Photo Number: 3

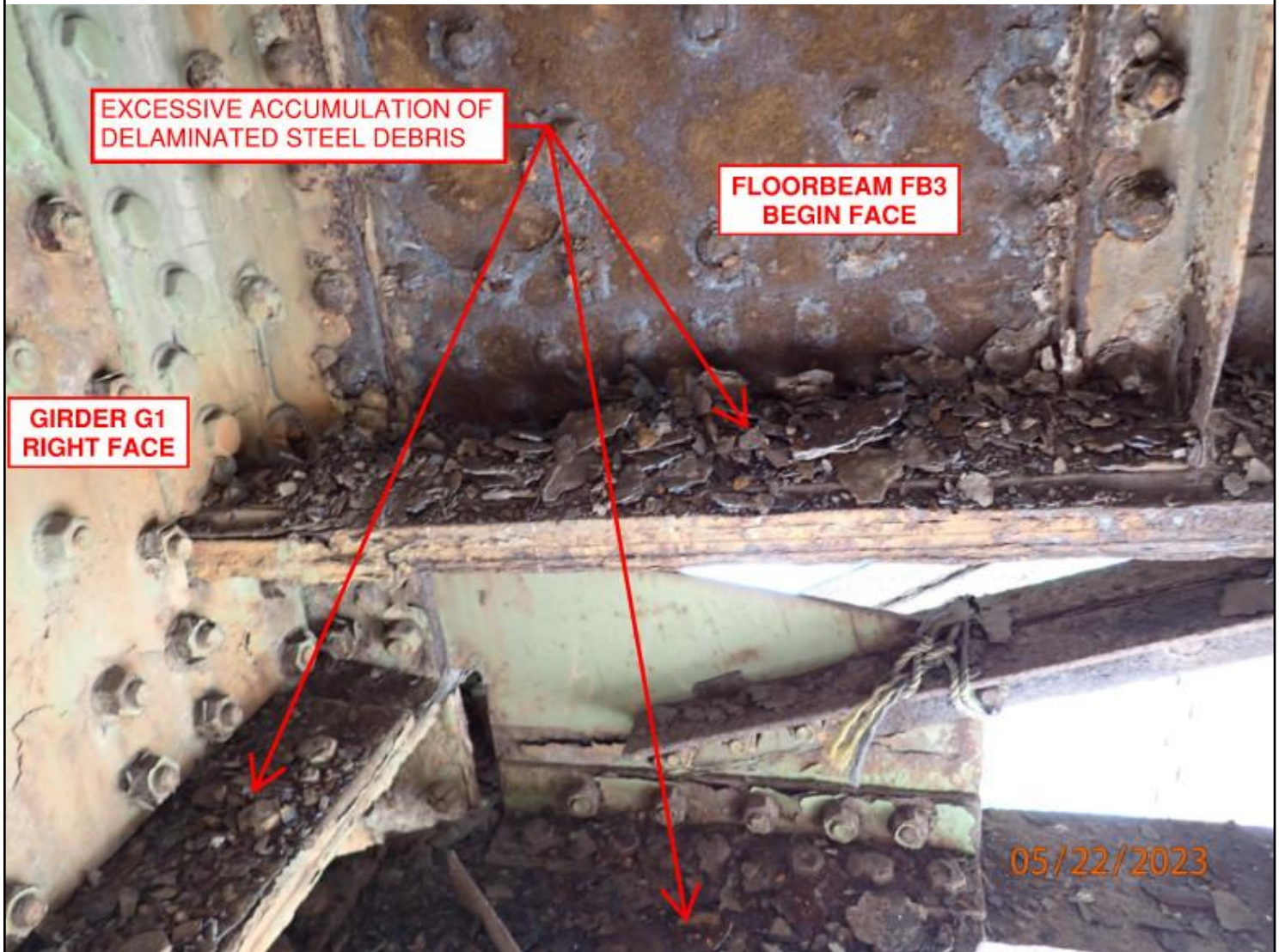
Photo Filename: P5223179.JPG



**Attachment Description:** Excessive accumulation of steel debris on the horizontal gusset plate at Floorbeam FB3 End Face and Girder G1 Right Face. Looking Begin-Left.

Photo Number: 4

Photo Filename: P5223238.JPG

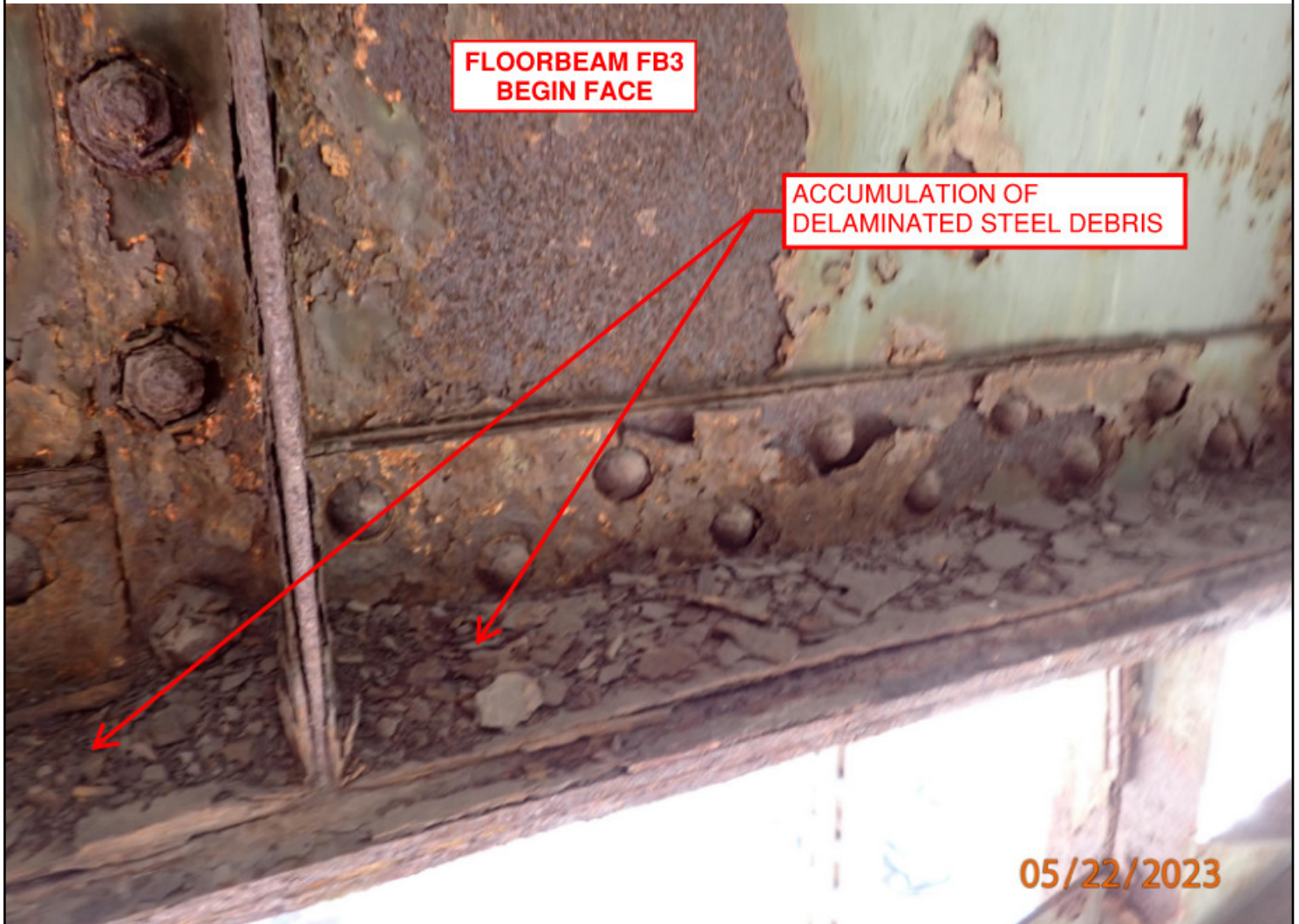


**Attachment Description:** Excessive accumulation of steel debris on the horizontal gusset plate and bottom flanges of Floorbeam FB3 on the Begin Face and Girder G1 Right Face. Looking End-Left.



Photo Number: 5

Photo Filename: P5223247.JPG



**Attachment Description:** Accumulation of steel debris on bottom flange of Floorbeam FB3 on Begin Face. Looking End-Right.

Photo Number: 6

Photo Filename: P5223248.JPG



**Attachment Description:** Accumulation of steel debris on bottom flange of Floorbeam FB3 on the Begin Face. Looking End-Right.